

CLAIMS

What is claimed:

- 5 1. A mobile device comprising:
 - (a) a keypad for entry of instructions;
 - (b) a display;
 - (c) a sensor;
 - (d) a memory;
 - 10 (e) a processor for controlling the keypad, the display, the sensor and the memory; and
 - (f) a character recognition engine;
 wherein
 - (g) the sensor is for obtaining image data of at least one image, the

15 character recognition engine is for processing the image data, and the

memory is for storage of at least one of the processed image data

and the image data.
- 20 2. A mobile device as claimed in claim 1, wherein the image data is processed

by the character recognition engine and is displayed on the display.
- 25 3. A mobile device as claimed in claim 1, wherein the character recognition

engine comprises at least one selected from the group consisting of: an image

recognition application, a handwriting recognition application, a printed

25 character recognition application, and a hand-written character recognition

application.
- 30 4. A mobile device as claimed in claim 1, wherein the memory is one of: built-in,

and removable.
- 35 5. A mobile devices claimed in claim 1, further comprising a card reader engine

for recognising, sorting and categorising the processed image data.
6. A mobile device as claimed in claim 1, wherein the sorting and categorising is

by at least one field selected from the group consisting of: family name, at

least one given name, company name, company address, telephone number,

email account, nature of business, position in company, and title.

7. A mobile device as claimed in claim 1, wherein the sensor is mounted on a
wherein the sensor is mounted on a wand operatively connected and
releasably attached to the mobile device.
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8. A mobile device as claimed in claim 1, wherein the sensor is built-in to the
mobile device.
9. A mobile device as claimed in claim 7, wherein the wand is releasably
10 receivable in a chamber in the mobile device.
10. A method for capturing data by using a mobile device, the method comprising:
- (a) activating a sensor forming a part of the mobile device;
 - (b) using the sensor to scan at least one image to obtain image data;
 - 15 (c) processing the image data in a processor forming a part of the mobile
device;
 - (d) saving the processed image data in a memory in the mobile device;
and
 - (e) transmitting the processed image data from the mobile device.
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11. A method as claimed in claim 10, wherein the activating step (a) comprises:
- (a) activating the sensor as a result of a received instruction;
 - (b) activating an indicator to indicate the activation of the sensor;
 - (c) moving the sensor to be above the at least one image;
 - 25 (d) transferring the sensor to a data-capturing mode; and
 - (e) altering the activation of the indicator to indicate the sensor is in the
data-capturing mode.
12. A method as claimed in claim 10, wherein the processing step (c) comprises:
30 processing the image data in at least one of: a character recognition engine,
an image recognition engine, and a card reader engine.
13. A method as claimed in claim 10, wherein the character recognition engine
includes at least one of: a handwriting recognition application, a printed
35 character recognition application, and a hand-written character application.

14. A method as claimed in claim 11, wherein the card reader engine sorts and categorises the image data by at least one field selected from the group consisting of: family name, at least one given name, company name, company address, telephone number, email account, nature of business,
5 position in company, and title.
15. A method as claimed in claim 10, wherein the transmitting step (e) comprises transmitting the processed image data using at least one of: wireless transmission, SMS, MMS, GSM, a telephone system, or by a cable for
10 connecting the mobile device to at least one computer.
16. Computer usable medium comprising a computer program code that is configured to cause at least one processor to execute one or more functions to perform the method of claim 10.
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